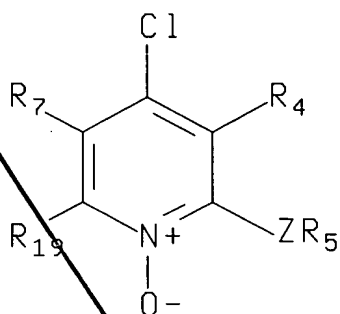
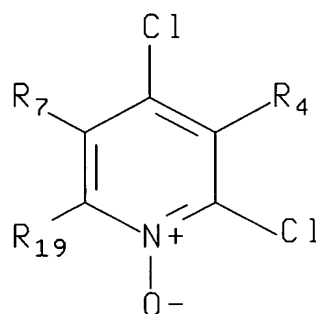


CLAIMS

1. A compound of the formula

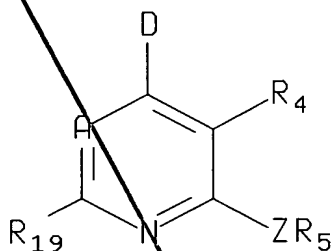


X



XI

or



IV

wherein R<sub>7</sub> is hydrogen, methyl, fluoro, chloro, bromo, iodo, cyano, hydroxy, -O(C<sub>1</sub>-C<sub>4</sub> alkyl), -C(O)(C<sub>1</sub>-C<sub>4</sub> alkyl), -C(O)O(C<sub>1</sub>-C<sub>4</sub> alkyl), -OCF<sub>3</sub>, CF<sub>3</sub>, -CH<sub>2</sub>OH, -CH<sub>2</sub>OCH<sub>3</sub> or -CH<sub>2</sub>OCH<sub>2</sub>CH<sub>3</sub>;

D is chloro, hydroxy or cyano;

R<sub>19</sub> is methyl or ethyl;

R<sub>5</sub> is phenyl or pyridyl and R<sub>5</sub> is substituted by two or three substituents independently selected from C<sub>1</sub>-C<sub>4</sub> alkyl, chloro and bromo, except that no more than one such substituent can be bromo;

R<sub>4</sub> is hydrogen, C<sub>1</sub>-C<sub>4</sub> alkyl, fluoro, chloro, bromo, iodo, C<sub>1</sub>-C<sub>4</sub> alkoxy, trifluoromethoxy, -CH<sub>2</sub>OCH<sub>3</sub>, -CH<sub>2</sub>OCH<sub>2</sub>CH<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OCH<sub>3</sub>, -CH<sub>2</sub>OF<sub>3</sub>, CF<sub>3</sub>, amino, nitro, -NH(C<sub>1</sub>-C<sub>4</sub> alkyl), -N(CH<sub>3</sub>)<sub>2</sub>, -NHCOCH<sub>3</sub>, -NHCONHCH<sub>3</sub>, -SO<sub>n</sub>(C<sub>1</sub>-C<sub>4</sub> alkyl) wherein n is 0, 1 or 2, cyano, hydroxy,

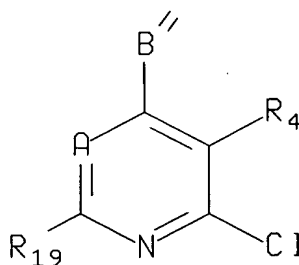
-CO(C<sub>1</sub>-C<sub>4</sub> alkyl), -CHO, cyano or -COO(C<sub>1</sub>-C<sub>4</sub> alkyl) wherein said C<sub>1</sub>-C<sub>4</sub> alkyl may optionally contain one double or triple bond and may optionally be substituted with one substituent selected from hydroxy, amino, -NHCOCH<sub>3</sub>, -NH(C<sub>1</sub>-C<sub>2</sub> alkyl), -N(C<sub>1</sub>-C<sub>2</sub> alkyl)<sub>2</sub>, -COO(C<sub>1</sub>-C<sub>4</sub> alkyl), -CO(C<sub>1</sub>-C<sub>4</sub> alkyl), C<sub>1</sub>-C<sub>3</sub> alkoxy, C<sub>1</sub>-C<sub>3</sub> thioalkyl, fluoro, chloro, cyano and nitro;

A is N, CH or CH<sub>3</sub>;

and Z is O, NH, N(CH<sub>3</sub>), S or CH<sub>2</sub> with the proviso that when A is CH or CCH<sub>3</sub>, then Z must be O or S.

2. A compound according to claim 1 having the formula XI wherein R<sub>7</sub> is hydrogen or methyl and R<sub>4</sub> is hydrogen, C<sub>1</sub>-C<sub>4</sub> alkyl, -O(C<sub>1</sub>-C<sub>4</sub> alkyl), chloro or cyano.

10 3. A compound of the formula



XII

wherein R<sub>19</sub> is methyl or ethyl;

R<sub>4</sub> is hydrogen, C<sub>1</sub>-C<sub>4</sub> alkyl, fluoro, chloro, bromo, iodo, C<sub>1</sub>-C<sub>4</sub> alkoxy, trifluoromethoxy, -CH<sub>2</sub>OCH<sub>3</sub>, -CH<sub>2</sub>OCH<sub>2</sub>CH<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OCH<sub>3</sub>, -CH<sub>2</sub>OF<sub>3</sub>, CF<sub>3</sub>, amino, nitro, -NH(C<sub>1</sub>-C<sub>4</sub> alkyl), -N(CH<sub>3</sub>)<sub>2</sub>, -NHCOCH<sub>3</sub>, -NHCONHCH<sub>3</sub>, -SO<sub>n</sub>(C<sub>1</sub>-C<sub>4</sub> alkyl) wherein n is 0, 1 or 2, cyano, hydroxy, -CO(C<sub>1</sub>-C<sub>4</sub> alkyl), -CHO, cyano or -COO(C<sub>1</sub>-C<sub>4</sub> alkyl) wherein said C<sub>1</sub>-C<sub>4</sub> alkyl may optionally contain one double or triple bond and may optionally be substituted with one substituent selected from hydroxy, amino, -NHCOCH<sub>3</sub>, -NH(C<sub>1</sub>-C<sub>2</sub> alkyl), -N(C<sub>1</sub>-C<sub>2</sub> alkyl)<sub>2</sub>, -COO(C<sub>1</sub>-C<sub>4</sub> alkyl), -CO(C<sub>1</sub>-C<sub>4</sub> alkyl), C<sub>1</sub>-C<sub>3</sub> alkoxy, C<sub>1</sub>-C<sub>3</sub> thioalkyl, fluoro, chloro, cyano and nitro;

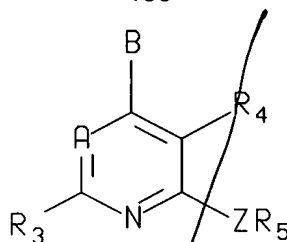
A is N, CH or CCH<sub>3</sub>;

B'' is -NR<sub>1</sub>R<sub>2</sub>, -CR<sub>1</sub>R<sub>2</sub>R<sub>11</sub>, -C(=CR<sub>2</sub>R<sub>12</sub>)R<sub>1</sub>, -NHCHR<sub>1</sub>R<sub>2</sub>, -OCHR<sub>1</sub>R<sub>2</sub>, -SCHR<sub>1</sub>R<sub>2</sub>, -CHR<sub>2</sub>OR<sub>12</sub>, -CHR<sub>2</sub>SR<sub>12</sub>, -C(S)R<sub>2</sub> or -C(O)R<sub>2</sub>;

with the proviso that when A is CH or CCH<sub>3</sub>, then B'' is -NR<sub>1</sub>R<sub>2</sub>, -NHR<sub>1</sub>R<sub>2</sub>, -OCHR<sub>1</sub>R<sub>2</sub> or cyano and R<sub>4</sub> is an electron deficient group such as NO<sub>2</sub>, -COO(C<sub>1</sub>-C<sub>4</sub> alkyl), -C(=O)CH<sub>3</sub>, -COOH or cyano.

4. A compound according to claim 3, wherein B'' is -NR<sub>1</sub>R<sub>2</sub> or -NHCHR<sub>1</sub>R<sub>2</sub> and A is CH or CH<sub>3</sub>.

5. A process for preparing a compound of the formula



or a pharmaceutically acceptable salt thereof, wherein

A is  $-\text{CR}_7$  or N;

B is  $-\text{NR}_1\text{R}_2$ ,  $-\text{CR}_1\text{R}_2\text{R}_{11}$ ,  $-\text{C}(=\text{CR}_2\text{R}_{12})\text{R}_1$ ,  $-\text{NHCHR}_1\text{R}_2$ ,  $-\text{OCHR}_1\text{R}_2$ ,  $-\text{SCHR}_1\text{R}_2$ ,  
 5  $-\text{CHR}_2\text{OR}_{12}$ ,  $-\text{CHR}_2\text{SR}_{12}$ ,  $-\text{C}(\text{S})\text{R}_2$  or  $-\text{C}(\text{O})\text{R}_2$ ;

Z is NH, O, S,  $-\text{N}(\text{C}_1\text{-C}_2 \text{ alkyl})$  or  $-\text{C}(\text{R}_{13}\text{R}_{14})$ , wherein  $\text{R}_{13}$  and  $\text{R}_{14}$  are each,  
 independently, hydrogen, trifluoromethyl or methyl, or one of  $\text{R}_{13}$  and  $\text{R}_{14}$  is cyano and the other is  
 hydrogen or methyl;

$\text{R}_1$  is  $\text{C}_1\text{-C}_6$  alkyl which may optionally be substituted with one or two substituents  $\text{R}_8$   
 10 independently selected from the group consisting of hydroxy, fluoro, chloro, bromo, iodo,  $\text{CF}_3$  and  
 $\text{C}_1\text{-C}_4$  alkoxy, and wherein said  $\text{C}_1\text{-C}_6$  alkyl and the  $\text{C}_1\text{-C}_4$  alkyl moiety of said  $\text{C}_1\text{-C}_4$  alkoxy may  
 optionally contain one carbon-carbon double or triple bond;

$\text{R}_2$  is  $\text{C}_1\text{-C}_{12}$  alkyl, aryl or  $-(\text{C}_1\text{-C}_4 \text{ alkylene})\text{aryl}$  wherein said aryl is phenyl, naphthyl,  
 15 thienyl, benzothienyl, pyridyl, quinolyl, pyrazinyl, pyrimidyl, imidazolyl, furanyl, benzofuranyl,  
 benzothiazolyl, isothiazolyl, benzisothiazolyl, benzisoxazolyl, benzimidazolyl, indolyl, or  
 benzoxazolyl; 3- to 8-membered cycloalkyl or  $-(\text{C}_1\text{-C}_6 \text{ alkylene})\text{cycloalkyl}$ , wherein one or two of  
 the ring carbons of said cycloalkyl having at least 4 ring members and the cycloalkyl moiety of  
 said  $-(\text{C}_1\text{-C}_6 \text{ alkylene})\text{cycloalkyl}$  having at least 4 ring members may optionally be replaced by an  
 oxygen or sulfur atom or by  $\text{N-R}_9$  wherein  $\text{R}_9$  is hydrogen or  $\text{C}_1\text{-C}_4$  alkyl; and wherein each of the  
 20 foregoing  $\text{R}_2$  groups may optionally be substituted with from one to three substituents  
 independently selected from chloro, fluoro and  $\text{C}_1\text{-C}_4$  alkyl, or with one substituent selected from  
 bromo, iodo,  $\text{C}_1\text{-C}_6$  alkoxy,  $-\text{O-CO-(C}_1\text{-C}_6 \text{ alkyl)}$ ,  $-\text{O-CO-N(C}_1\text{-C}_4 \text{ alkyl)(C}_1\text{-C}_2 \text{ alkyl)}$ ,  $-\text{S(C}_1\text{-C}_6 \text{ alkyl)}$ ,  
 CN,  $\text{NO}_2$ ,  $-\text{SO(C}_1\text{-C}_4 \text{ alkyl)}$ , and  $-\text{SO}_2(\text{C}_1\text{-C}_4 \text{ alkyl)}$ , and wherein said  $\text{C}_1\text{-C}_{12}$  alkyl and the  
 $\text{C}_1\text{-C}_4$  alkylene moiety of said  $-(\text{C}_1\text{-C}_4 \text{ alkylene})\text{aryl}$  may optionally contain one carbon-carbon  
 25 double or triple bond;

or  $-\text{NR}_1\text{R}_2$  may form a saturated 5- to 8-membered carbocyclic ring which may optionally  
 contain one or two carbon-carbon double bonds and in which one or two of the ring carbons may  
 optionally be replaced by an oxygen or sulfur atom;

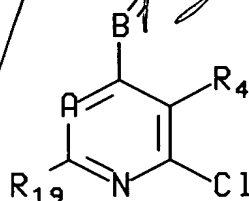
$\text{R}_3$  is methyl, ethyl, fluoro, chloro, bromo, iodo, cyano, methoxy,  $\text{OCF}_3$ , methylthio,  
 30 methylsulfonyl,  $\text{CH}_2\text{OH}$ , or  $\text{CH}_2\text{OCH}_3$ ;

R<sub>4</sub> is hydrogen, C<sub>1</sub>-C<sub>4</sub> alkyl, fluoro, chloro, bromo, iodo, C<sub>1</sub>-C<sub>4</sub> alkoxy, trifluoromethoxy, -CH<sub>2</sub>OCH<sub>3</sub>, -CH<sub>2</sub>OCH<sub>2</sub>CH<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OCH<sub>3</sub>, -CH<sub>2</sub>OF<sub>3</sub>, CF<sub>3</sub>, amino, nitro, -NH(C<sub>1</sub>-C<sub>4</sub> alkyl), -N(CH<sub>3</sub>)<sub>2</sub>, -NHCOCH<sub>3</sub>, -NHCONHCH<sub>3</sub>, -SO<sub>n</sub>(C<sub>1</sub>-C<sub>4</sub> alkyl) wherein n is 0, 1 or 2, cyano, hydroxy, -CO(C<sub>1</sub>-C<sub>4</sub> alkyl), -CHO, cyano or -COO(C<sub>1</sub>-C<sub>4</sub> alkyl) wherein said C<sub>1</sub>-C<sub>4</sub> alkyl may optionally contain one double or triple bond and may optionally be substituted with one substituent selected from hydroxy, amino, -NHCOCH<sub>3</sub>, -NH(C<sub>1</sub>-C<sub>2</sub> alkyl), -N(C<sub>1</sub>-C<sub>2</sub> alkyl)<sub>2</sub>, -COO(C<sub>1</sub>-C<sub>4</sub> alkyl), -CO(C<sub>1</sub>-C<sub>4</sub> alkyl), C<sub>1</sub>-C<sub>3</sub> alkoxy, C<sub>1</sub>-C<sub>3</sub> thioalkyl, fluoro, chloro, cyano and nitro;

R<sub>5</sub> is phenyl or pyridyl, and R<sub>5</sub> is substituted with from one to three substituents independently selected from fluoro, chloro, C<sub>1</sub>-C<sub>6</sub> alkyl, and C<sub>1</sub>-C<sub>6</sub> alkoxy, or with one substituent selected from hydroxy, iodo, bromo, formyl, cyano, nitro, trifluoromethyl, amino, -(C<sub>1</sub>-C<sub>6</sub> alkyl)O(C<sub>1</sub>-C<sub>6</sub> alkyl), -NHCH<sub>3</sub>, -N(CH<sub>3</sub>)<sub>2</sub>, -COOH, -COO(C<sub>1</sub>-C<sub>4</sub> alkyl), -CO(C<sub>1</sub>-C<sub>4</sub> alkyl), -SO<sub>2</sub>NH(C<sub>1</sub>-C<sub>4</sub> alkyl), -SO<sub>2</sub>N(C<sub>1</sub>-C<sub>4</sub> alkyl)(C<sub>1</sub>-C<sub>2</sub> alkyl), -SO<sub>2</sub>NH<sub>2</sub>, -NHSO<sub>2</sub>(C<sub>1</sub>-C<sub>4</sub> alkyl), -S(C<sub>1</sub>-C<sub>6</sub> alkyl) and -SO<sub>2</sub>(C<sub>1</sub>-C<sub>6</sub> alkyl), and wherein the C<sub>1</sub>-C<sub>4</sub> alkyl and C<sub>1</sub>-C<sub>6</sub> alkyl moieties of the foregoing R<sub>5</sub> groups may optionally be substituted with one or two fluoro groups or with one substituent selected from hydroxy, amino, methylamino, dimethylamino and acetyl; and

R<sub>7</sub> is hydrogen or methyl;

with the proviso that when A is CH or CCH<sub>3</sub>, then R<sub>4</sub> is an electron deficient group such as NO<sub>2</sub>, -COO(C<sub>1</sub>-C<sub>4</sub> alkyl), -C(=O)CH<sub>3</sub>, -COOH or CN; or a pharmaceutically acceptable salt of such compound; comprising reacting a compound of the formula



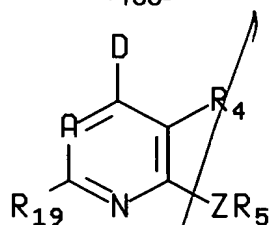
## XII

wherein R<sub>19</sub> is methyl or ethyl and A is N, CH or CCH<sub>3</sub>; and wherein when A is N, then B" and R<sub>4</sub> are defined, respectively, as B and R<sub>4</sub> are defined as above, and when A is CH or CH<sub>3</sub>, then B" is -NR<sub>1</sub>R<sub>2</sub>, -NHR<sub>1</sub>R<sub>2</sub>, -OCHR<sub>1</sub>R<sub>2</sub> or cyano and R<sub>4</sub> is an electron deficient group such as NO<sub>2</sub>, -COO(C<sub>1</sub>-C<sub>4</sub> alkyl), -C(=O)CH<sub>3</sub>, -COOH or CN;

with a compound of the formula R<sub>5</sub>ZH, wherein R<sub>5</sub> and Z are defined as above, and then optionally converting the compound of formula I formed in such reaction into a pharmaceutically acceptable salt.

6. A process according to claim 5 wherein R<sub>4</sub> in both the compound of formula I and the compound of formula IV is nitro.

7. A process for preparing a compound of the formula



IV

wherein  $R_{19}$  is methyl or ethyl;

D is chloro;

A is  $-CR_7$  or N;

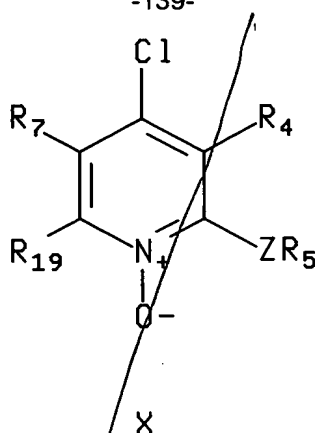
- 5        Z is NH, O, S,  $-N(C_1-C_2 \text{ alkyl})$  or  $-C(R_{13}R_{14})$ , wherein  $R_{13}$  and  $R_{14}$  are each, independently, hydrogen, trifluoromethyl or methyl, or one of  $R_{13}$  and  $R_{14}$  is cyano and the other is hydrogen or methyl;

- 10         $R_4$  is hydrogen,  $C_1-C_4$  alkyl, fluoro, chloro, bromo, iodo,  $C_1-C_4$  alkoxy, trifluoromethoxy,  $-CH_2OCH_3$ ,  $-CH_2OCH_2CH_3$ ,  $-CH_2CH_2OCH_3$ ,  $-CH_2OF_3$ ,  $CF_3$ , amino, nitro,  $-NH(C_1-C_4 \text{ alkyl})$ ,  $-N(CH_3)_2$ ,  $-NHCOCH_3$ ,  $-NHCONHCH_3$ ,  $-SO_n(C_1-C_4 \text{ alkyl})$  wherein n is 0, 1 or 2, cyano, hydroxy,  $-CO(C_1-C_4 \text{ alkyl})$ ,  $-CHO$ , cyano or  $-COO(C_1-C_4 \text{ alkyl})$  wherein said  $C_1-C_4$  alkyl may optionally contain one double or triple bond and may optionally be substituted with one substituent selected from hydroxy, amino,  $-NHCOCH_3$ ,  $-NH(C_1-C_2 \text{ alkyl})$ ,  $-N(C_1-C_2 \text{ alkyl})_2$ ,  $-COO(C_1-C_4 \text{ alkyl})$ ,  $-CO(C_1-C_4 \text{ alkyl})$ ,  $C_1-C_3$  alkoxy,  $C_1-C_3$  thioalkyl, fluoro, chloro, cyano and nitro; and

- 15         $R_5$  is phenyl or pyridyl, and  $R_5$  is substituted with from one to three substituents independently selected from fluoro, chloro,  $C_1-C_6$  alkyl, and  $C_1-C_6$  alkoxy, or with one substituent selected from hydroxy, iodo, bromo, formyl, cyano, nitro, trifluoromethyl, amino,  $-(C_1-C_6 \text{ alkyl})O(C_1-C_6 \text{ alkyl})$ ,  $-NHCH_3$ ,  $-N(CH_3)_2$ ,  $-COOH$ ,  $-COO(C_1-C_4 \text{ alkyl})$ ,  $-CO(C_1-C_4 \text{ alkyl})$ ,  $-SO_2NH(C_1-C_4 \text{ alkyl})$ ,  $-SO_2N(C_1-C_4 \text{ alkyl})(C_1-C_2 \text{ alkyl})$ ,  $-SO_2NH_2$ ,  $-NHSO_2(C_1-C_4 \text{ alkyl})$ ,  $-S(C_1-C_6 \text{ alkyl})$  and  $-SO_2(C_1-C_6 \text{ alkyl})$ , and wherein the  $C_1-C_4$  alkyl and  $C_1-C_6$  alkyl moieties of the foregoing  $R_5$  groups may optionally be substituted with one or two fluoro groups or with one substituent selected from hydroxy, amino, methylamino, dimethylamino and acetyl;

comprising reacting a compound of the formula

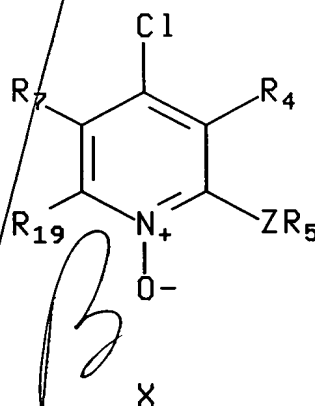
-139-



wherein R<sub>19</sub>, R<sub>4</sub> and R<sub>5</sub> are defined as above and R<sub>7</sub> is hydrogen, methyl, fluoro, chloro, bromo, iodo, cyano, hydroxy, -O(C<sub>1</sub>-C<sub>4</sub> alkyl), -C(O)(C<sub>1</sub>-C<sub>4</sub> alkyl), -C(O)O(C<sub>1</sub>-C<sub>4</sub> alkyl), -OCF<sub>3</sub>, CF<sub>3</sub>, -CH<sub>2</sub>OH, -CH<sub>2</sub>OCH<sub>3</sub> or -CH<sub>2</sub>OCH<sub>2</sub>CH<sub>3</sub>, with phosphorus trichloride.

5

8. A process for preparing a compound of the formula



wherein R<sub>19</sub> is methyl or ethyl;

A is -CR<sub>7</sub> or N;

10 Z is O, S or -C(R<sub>13</sub>R<sub>14</sub>), wherein R<sub>13</sub> and R<sub>14</sub> are each, independently, hydrogen, trifluoromethyl or methyl, or one of R<sub>13</sub> and R<sub>14</sub> is cyano and the other is hydrogen or methyl;

15 R<sub>4</sub> is hydrogen, C<sub>1</sub>-C<sub>4</sub> alkyl, fluoro, chloro, bromo, iodo, C<sub>1</sub>-C<sub>4</sub> alkoxy, trifluoromethoxy, -CH<sub>2</sub>OCH<sub>3</sub>, -CH<sub>2</sub>OCH<sub>2</sub>CH<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OCH<sub>3</sub>, -CH<sub>2</sub>OF<sub>3</sub>, CF<sub>3</sub>, amino, nitro, -NH(C<sub>1</sub>-C<sub>4</sub> alkyl), -N(CH<sub>3</sub>)<sub>2</sub>, -NHCOCH<sub>3</sub>, -NHCONHCH<sub>3</sub>, -SO<sub>n</sub>(C<sub>1</sub>-C<sub>4</sub> alkyl) wherein n is 0, 1 or 2, cyano, hydroxy, -CO(C<sub>1</sub>-C<sub>4</sub> alkyl), -CHO, cyano or -COO(C<sub>1</sub>-C<sub>4</sub> alkyl) wherein said C<sub>1</sub>-C<sub>4</sub> alkyl may optionally contain one double or triple bond and may optionally be substituted with one substituent selected from hydroxy, amino, -NHCOCH<sub>3</sub>, -NH(C<sub>1</sub>-C<sub>2</sub> alkyl), -N(C<sub>1</sub>-C<sub>2</sub> alkyl)<sub>2</sub>, -COO(C<sub>1</sub>-C<sub>4</sub> alkyl), -CO(C<sub>1</sub>-C<sub>4</sub> alkyl), C<sub>1</sub>-C<sub>3</sub> alkoxy, C<sub>1</sub>-C<sub>3</sub> thioalkyl, fluoro, chloro, cyano and nitro; and

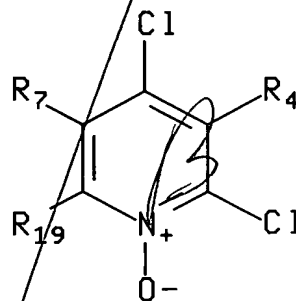
20 R<sub>5</sub> is phenyl or pyridyl, and R<sub>5</sub> is substituted with from one to three substituents independently selected from fluoro, chloro, C<sub>1</sub>-C<sub>6</sub> alkyl, and C<sub>1</sub>-C<sub>6</sub> alkoxy, or with one substituent selected from hydroxy, iodo, bromo, formyl, cyano, nitro, trifluoromethyl, amino, -(C<sub>1</sub>-C<sub>6</sub>

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alkyl)(C<sub>1</sub>-C<sub>6</sub>)alkyl, -NHCH<sub>3</sub>, -N(CH<sub>3</sub>)<sub>2</sub>, -COOH, -COO(C<sub>1</sub>-C<sub>4</sub> alkyl), -CO(C<sub>1</sub>-C<sub>4</sub> alkyl), -SO<sub>2</sub>NH(C<sub>1</sub>-C<sub>4</sub> alkyl), -SO<sub>2</sub>N(C<sub>1</sub>-C<sub>4</sub> alkyl)(C<sub>1</sub>-C<sub>2</sub> alkyl), -SO<sub>2</sub>NH<sub>2</sub>, -NHSO<sub>2</sub>(C<sub>1</sub>-C<sub>4</sub> alkyl), -S(C<sub>1</sub>-C<sub>6</sub> alkyl) and -SO<sub>2</sub>(C<sub>1</sub>-C<sub>6</sub> alkyl), and wherein the C<sub>1</sub>-C<sub>4</sub> alkyl and C<sub>1</sub>-C<sub>6</sub> alkyl moieties of the foregoing R<sub>5</sub> groups may optionally be substituted with one or two fluoro groups or with one substituent

5 selected from hydroxy, amino, methylamino, dimethylamino and acetyl;

comprising reacting a compound of the formula



XI

wherein R<sub>4</sub>, R<sub>7</sub> and R<sub>19</sub> are defined as above, with a compound of the formula R<sub>5</sub>OH or R<sub>5</sub>SH, wherein R<sub>5</sub> is defined as above, in the presence of a base.

10

add  
A4